



**MSI Katana 15 B13VEK-1696XFR Intel® Core™ i7 i7-13620H
Laptop 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD
NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) FreeDOS Black**

Brand : MSI

Product family: Katana

Article code: KATANA 15
B13VEK-1696XFR

Product name : Katana 15
B13VEK-1696XFR

MSI Katana 15 B13VEK-1696XFR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: FreeDOS. Product color: Black



Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Black	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	Audio	
Display		Number of built-in speakers	2
Display diagonal *	39.6 cm (15.6")	Speaker power	2 W
Display resolution *	1920 x 1080 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Full HD	Front camera HD type	HD
Native aspect ratio	16:9	Video capturing speed	30 fps
Maximum refresh rate	144 Hz	Network	
Processor		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor family *	Intel® Core™ i7	Mobile network connection *	✗
Processor generation	13th gen Intel® Core™ i7	WLAN controller model	Intel Wi-Fi 6E AX211
Processor model *	i7-13620H	WLAN controller manufacturer	Intel
Processor cores	10	Ethernet LAN	✓
Processor boost frequency	4.9 GHz	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance cores	6	Bluetooth	✓
Efficient cores	4	Bluetooth version	5.2
Performance-core Max Turbo Frequency	4.9 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	3.6 GHz	USB 2.0 ports quantity *	1
Processor cache	24 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor base power	45 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Maximum turbo power	115 W	Ethernet LAN (RJ-45) ports	1
Memory		HDMI ports quantity *	1
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

Memory		Ports & interfaces	
Memory clock speed	5200 MHz	Combo headphone/mic port	✓
Memory form factor	SO-DIMM	USB Type-C DisplayPort Alternate Mode	✓
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Storage		Performance	
Total storage capacity *	512 GB	Repairability index	8.1
Storage media *	SSD	Keyboard	
Total SSDs capacity	512 GB	Pointing device	Touchpad
Number of SSDs installed	1	Numeric keypad *	✓
SSD capacity	512 GB	Keyboard backlit	✓
Optical drive type *	✗	Keyboard backlit colour	RGB
		Keyboard backlit zone	4-zone RGB
Graphics		Software	
Discrete GPU manufacturer	NVIDIA	Operating system installed *	FreeDOS
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Battery	
Discrete graphics card memory	6 GB	Number of battery cells	3
Discrete graphics memory type	GDDR6	Battery capacity *	53.5 Wh
On-board graphics card *	✓	Power	
Discrete graphics card *	✓	AC adapter power	200 W
		Weight & dimensions	
		Width	359 mm
		Depth	259 mm
		Height	24.9 mm
		Weight *	2.25 kg



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